



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,218	02/27/2002	Sunit B. Mangalvedhekar	014208.1483 (05-01-010)	6967

5073 7590 01/20/2006

BAKER BOTTS L.L.P.
2001 ROSS AVENUE
SUITE 600
DALLAS, TX 75201-2980

EXAMINER

NGUYEN, HAI V

ART UNIT PAPER NUMBER

2142

DATE MAILED: 01/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/085,218

Applicant(s)

MANGALVEDHEKAR, SUNIT B.

Examiner

Hai V. Nguyen

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 and 37-46 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

1. This Office Action is in response to the communication received on 08 November 2005.
2. Applicant's arguments in the Appeal Brief for the last final Office Action are persuasive and, therefore, the finality of that action is withdrawn.
3. Claim 36 is canceled.
4. Claims 1-35, 37-46 are presented for examination.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-35, 37-46 are rejected under 35 U.S.C. 102(e) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over **Goldick** U.S. patent application publication # **2003/0101300 A1**.
7. As to claim 1, Goldick, Method And System For Locking Multiple Resources In A Distributed Environment, taught the invention substantially as claimed (e.g. as in exemplary claim 1) including a method of accessing, by a client (*Fig. 1, client 102 or 104 or 106*), one or more files (*Fig. 1, resources*) residing in a server (*Fig. 1, server 108*) comprising:

requesting, by the client, downloading of a selected file residing in the server (*providing a particular resource (Fig. 6, item 604) associated with lock object (Fig. 6, item 606)*),

Art Unit: 2142

the selected file associated with at least one associated file (*Fig. 6, a lock object 606*) and including instructions (*information related to what types of lock, paragraph [0048]*) to access, either directly or indirectly, the associated file (*Goldick, Abstract, Fig. 1, paragraphs [0010]-[0016]*), the access request incorporates information related to the type of access that is being requested, i.e., to read, to write, to delete, etc. Additionally the request information further includes information as to what resource is to be locked. In other embodiments the request may include other information as well. In particular, the access request includes a URI list of resources that are to be locked; *Figs. 6-7, paragraphs [0079]-[0092]*);

in response to requesting downloading of the selected file, initiating downloading of the selected file and automatically determining the identity of, and initiating downloading of, the at least one associated file (*Goldick, Abstract, paragraphs [0010]-[0016]*); The services layer then processes the request, i.e., determines whether the client application may access the data object in the requested manner. If the application is able to access the data object in the requested manner, the services layer 314 returns a lock token 322 to the client application program 318 and allows the requested access (*paragraph [0046]; Figs. 6-7, paragraphs [0079]-[0092]*);

initiating storing, in a memory associated with the client, of the selected file and the at least one associated file under respective local identifiers (*Goldick, Abstract, paragraphs [0010]-[0016]; Figs. 6-7, paragraphs [0079]-[0092], URIs*).

8. It would have been obvious to one of ordinary skill in the networking art at the time of the invention was made that the claimed invention differed from the teachings of

Art Unit: 2142

Goldick only by the degree, e.g., in the claimed downloading of a selected file. But this is no more than a difference in a degree because downloading or transferring or providing of a selected file, or just providing a particular resource or a lock object taught by Goldick, they provide a selection for the user. The heart of the invention is providing accessing a particular file and all of its associated files by local identifiers so that in case of the server has to providing multiple times of the associated files. Goldick exactly was directed to the same purpose, i.e., to provide a lock token or a cookie representing the locks on the various resources in case of network overhead. Other claimed elements of the dependent claims are all obvious variation of the well-known features of file accessing and rejected accordingly.

9. As to claim 2, Goldick discloses maintaining, by a document manager residing in the server, respective profiles of the one or more files (*Fig. 1, resources 112; Fig. 6; store 602; paragraphs [0024]-[0028]; [0080]-[0082]*).

10. As to claim 3, Goldick discloses, wherein the selected file is associated with at least one profile, the at least one profile (*lock object*) identifying the at least one associated file (*Fig. 3; paragraphs [0040]-[0062]*).

11. As to claim 4, Goldick discloses, wherein the profile identifies the at least one associated file by the Uniform Resource Locator (*Fig. 3, URI*).

12. As to claim 5, Goldick discloses, wherein automatically determining the identity of, and initiating downloading of, the at least one associated file comprises examining a profile of the selected file, the profile identifying the at least one associated file (*Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*).

Art Unit: 2142

13. As to claim 6, Goldick discloses, and further comprising maintaining a respective status file for each of the selected file and the at least one associated file, each status file indicating one or more properties of the respective selected file and the at least one associated file (*Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*).

14. As to claim 7, Goldick discloses, wherein the status file is a cookie file (*Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*).

15. As to claim 8, Goldick discloses, wherein the status file consists solely of a timestamp indicative of a time of download (*Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*).

16. As to claim 9, Goldick discloses, wherein the status file comprises a timestamp indicative of a time of download, a check out status, and respective identities of the at least one associated file (*Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*).

17. As to claim 10, Goldick discloses, wherein the memory associated with the client is a root of a cache, the root identified by a root directory identifier (*Fig. 1, paragraphs [0024]-[0028]; Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*).

18. As to claim 11, Goldick discloses, wherein each of the respective local identifiers comprises the root directory identifier (*Fig. 1, paragraphs [0024]-[0028]; Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*).

19. As to claim 12, Goldick discloses, generating, by the client, the one or more files for uploading to the server (*Fig. 1, paragraphs [0024]-[0028]; Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*);

Art Unit: 2142

generating, by the client, a profile associated with each of the one or more files (*Fig. 1, paragraphs [0024]-[0028]; Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*); and

uploading, by the client, the profile and the each of the one or more files to the server (*Fig. 1, paragraphs [0024]-[0028]; Fig. 3; paragraphs [0040]-[0062]; Fig. 6; paragraphs [0080]-[0082]*).

20. Claim 13 is similar limitations of claim 1, 4; therefore, it is rejected under the same rationale as in claims 1, 4.

21. Claims 14-23 are similar limitations of claims 2-3, 5-12; therefore, they are rejected under the same rationale as in claims 2-3, 5-12.

22. Claim 24 is corresponding apparatus claim of claim 1; it is rejected under the same rationale as in claims 1.

23. Claims 25-35 similar limitations of claims 2-12; therefore, they are rejected under the same rationale as in claims 2-12.

24. Claim 37 is corresponding system claim of claim 1; it is rejected under the same rationale as in claims 1.

25. Claims 38-46 similar limitations of claims 4-12; therefore, they are rejected under the same rationale as in claims 2-12.

26. Further references of interest are cited on Form PTO-892, which is an attachment to this action.

Art Unit: 2142

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hai V. Nguyen whose telephone number is 571-272-3901. The examiner can normally be reached on 6:00-3:30 Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on 571-272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hai V. Nguyen
Examiner
Art Unit 2142



THONG VU
Primary Examiner

